IEEE P802.18
Radio Regulatory Technical Advisory Group (RR-TAG)

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| Radio Regulatory Technical Advisory GroupIEEE Spectrum Update Statement (ISUS) Ad-Hoc16 December 2022 |
| Date: 2 January 2023 |
| Author: |
| Name | Company | Address | email |
| Amelia Andersdotter | Sky Group/Comcast | Belgium | amelia.ieee@andersdotter.cc |

Abstract

This document constitutes the minutes of the IEEE 802.18 Radio Regulatory Technical Advisory Group ISUS Ad-Hoc for Monday 16 December 2022 at 12:00 AM ET.

In these minutes

**C:** means question from participant.

**Chair:** means statement by the chair as chair.
Highlight means action point.

Chair: Amelia Andersdotter (Sky Group/Comcast)

Secretary: Amelia Andersdotter (Sky Group/Comcast)
Attendance: Stuart Kerry (OK-Brit, Self)

IEEE SA Program Manager: Jodi Hassz (IEEE SA)

* IEEE 802.18, RR-TAG website: <https://www.ieee802.org/18/>

These are the minutes of the IEEE 802 RR-TAG ISUS Ad-Hoc teleconference on Friday, 16 December 2022 at 12:00 AM ET.

1. Chair calls the meeting to order at 12:02 ET.

Agenda slide deck [18/22-0160r0](https://mentor.ieee.org/802.18/dcn/22/18-22-0160-00-ISUS-16-december-2022-isus-ad-hoc-agenda.pptx)

1. Chair presents administrative items
	1. RR-TAG Policies & Procedures [[802 LMSC WG P&P](https://mentor.ieee.org/802-ec/dcn/21/ec-21-0207-23-0PNP-ieee-802-lmsc-working-group-policies-and-procedures.pdf)]
	2. IEEE 802 meeting and participant’s guidelines and requirements [[link](http://www.ieee802.org/devdocs.shtml)]
	3. IEEE policies and procedures [[link](https://standards.ieee.org/about/policies/opman/)]
	4. The IEEE SA Individual method participant behavior slide set was presented
	5. The IEEE patent and copyright policies were presented
	6. Reminder that IMAT is **not** being used for attendance
	7. Online meeting procedures reminder

Chair asks group if there are any questions with IEEE policies. No response, no comments on WebEx Chat window.

Chair reminds the participants that since this is an ad-hoc group, any participant can vote.

1. Chair presents the agenda (slide #9). No questions or comments on the agenda.
2. Administrative

	1. Chair presented the previous meeting minutes from 9 December 2022, contained in doc. [18-22-0159r0](https://mentor.ieee.org/802.18/dcn/22/18-22-0159-00-ISUS-spectrum-statement-minutes-9-december-2022.docx). No questions or comments on the minutes.

	**Motion #1 (internal):** To approve the meeting minutes of the 9 December 2022 ISUS call as shown in the document [18-22-0159r0](https://mentor.ieee.org/802.18/dcn/22/18-22-0159-00-ISUS-spectrum-statement-minutes-9-december-2022.docx), with editorial privilege for the ISUS Adhoc Chair.

	Moved: Stuart Kerry
	Seconded: Al Petrick
	Discussion: Anyone can vote.
	Result: Motion is approved by unanimous consent.

	Motion passes.

**Draft document,** [**18-22-0087r3**](https://mentor.ieee.org/802.18/dcn/22/18-22-0087-03-ISUS-draft-statement.docx)**, Amelia Andersdotter (Sky group/Comcast)**

Summary of changes is: added text from [18-22-0120r7](https://mentor.ieee.org/802.18/dcn/22/18-22-0120-07-0000-contribution-for-nkom-consultation.pdf) and [18-22-0152r7](https://mentor.ieee.org/802.18/dcn/22/18-22-0152-07-0000-2022-dec-802-lmsc-response-to-japan-mic.pdf) with some modifications (changing sentences to make better flows). Sentences kept from old statement are reduced compared with previous version. New section with recommendations has been added just before history-headline. "Unlicensed" terminology was replaced with words "license-exempt". Footnotes are moved to bottom of pages to make it easier to switch them around as the document is revised.

**Discussion:**

- It is not clear that the breadth of IEEE 802.15 is currently captured in the introductory paragraphs. IEEE 802.15 will look into how a more representative sentence may be formulated.

- Editorial mistakes in introductory paragraphs were corrected.

- Recommendations generated a lot of discussion. It was suggested to break the first recommendation into three levels of spectrum sharing: sharing with incumbents, sharing between technologies and sharing between devices. Hassan Yaghoobi can reformulate recommendations 1 and 2 with this in mind. The sub-1GHz recommendations was originally mentioned on the .18 reflector. Ad-hoc leader will reach out to concerned individuals and see if it can be made more crisp and relevant for .15 interests.

- Discussion on references to trade associations. There are many more trade associations for .15 devices than there are for .11 devices, reflecting the different use-cases for both technologies. IEEE 802.15 leadership will make a list of trade associations involved in .15 infrastructure definitions and roll-out. A list of trade associations (which include trade associations that work with .11 products, such as Wi-Fi Alliance or WBA) could also help readers find more information when reading the policy statement.

- Discussion on whether license-exempt technologies should be the only technologies covered by this statement, or whether we should also include licensed-spectrum technologies. For instance, if we anticipate lightly licensed spectrum uses for .11 or .15 technologies, or bear in mind the already licensed uses of some .15 technologies in the utilities sector. No conclusion.

1. **Any other business**

No other business.

1. **Final administrative items**

8 participants and 7 voters (including the ad-hoc leader) [Report by Stuart Kerry].

* 1. **Next IEEE 802.18 ISUS Ad-hoc teleconference call is scheduled for: 16 December 2022, 12h00 ET.**
		+ 1. Call in info: https://mentor.ieee.org/802.18/dcn/16/18-16-0038-29-0000-teleconference-call-in-info.pptx
			2. IEEE 802 Wireless interim is 15-20 January 2023 in Baltimore, Maryland, USA.
			3. Currently, IEEE 802.18 ISUS Ad-hoc teleconferences are scheduled until 26 May 2023.
			4. All late changes/cancellations will be sent out to the 802.18 list server.
			5. Overall IEEE 802 schedule: <https://ieee802.org/16/cal-temp.html> or only 802.18: [IEEE 802.18 TAG Calendar](https://calendar.google.com/calendar/embed?src=c2gedttabtbj4bps23j4847004@group.calendar.google.com&ctz=America%2FNew_York)
	2. Adjourn:
* Any objection to Adjourn? None heard.
* Adjourn at 13:01 ET

**ATTENDANCE (ISUS Ad-Hoc Meeting Attendance Names and Affiliations):**

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| --- | --- |
| **Voting Attendees:** | **9-Dec** |
| 1 | **Andersdotter** | Amelia | Sky Group/Comcast | **x** |
| 2 | **Au** | Edward (Kwok Shum) | Huawei Technologies Co., Ltd | **x** |
| 3 | **Kerry** | Stuart | OK‐Brit, Self | **x** |
| 4 | **Petrick** | Al | Skyworks Solutions Inc. | **x** |
| 5 | **Powell** | Clint | Meta Platforms, Inc.; Powell Wireless Commsulting, LLC | **x** |
| 6 | **Robert** | Joerg | TU-Ilmenau/Fraunhofer IIS | **x** |
| 7 | **Stanley** | Dorothy | Hewlett Packard Enterprise | **x** |
|  |  |  |  |  |
| **Non-Voting Attendees:** | **9-Dec** |
| 1 | **Riegel** | Max | Nokia | **x** |